



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

August 08, 2014

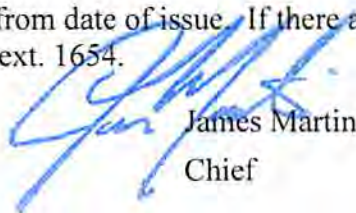
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-701569, issued to ROSS & WHARTON GAS CO INC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: 1
Farm Name: SQUIRES, CECIL E. & ANNA L.; N
API Well Number: 47-701569
Permit Type: Plugging
Date Issued: 08/08/2014

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow X
- 5) Location: Elevation 1163.31 Watershed Pickles Fork of Salt Lick Creek
District Salt Lick County Braxton Quadrangle Orlando 7.5'
- 6) Well Operator Ross & Wharton 7) Designated Agent Mike Ross
Address Route 5 Box 29 Address PO Box 219
Buckhannon, WV 26201 Coalton, WV 26257
- 8) Oil and Gas Inspector to be notified Name Bryan Harris 9) Plugging Contractor Name Unknown
Address PO Box 157 Address _____
Volga, WV 26238

10) Work Order: The work order for the manner of plugging this well is as follows:

4300 - TD

Run 6% Gel between each plug

4300 - 2750 Set Cement Plug

2750 - 2400 Set Cement Plug

2000 - 1900 Set Cement Plug

1650 - 1550 Set Cement Plug

1220 - 1120 Set Cement Plug

100 - 0 Set Cement Plug

Set Monument with API Number

*FREEPOINT AND CUT / REMOVE ALL FREE CASING.
PLUG ACROSS ALL CASING CUTS.
PLUG ACROSS 8 5/8" CASING SEAT IF POSSIBLE.*

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

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Office of Oil and Gas
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Work order approved by inspector

Bryan O' Harris

WV Department of
Environmental Protection

08/08/2014

701569P

OG-10
Rev. - 9-71



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OCT 3 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

Oil & Gas Division
DEPT. OF MINES

WELL RECORD

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Orlando 7.5'
Permit No. 47-007-1569

Company <u>Texas International Petroleum Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>740 One Valley Square, Charleston, WV</u>				
Firm <u>Van F. Hall</u> Acres <u>940</u>	Size			
Location (waters) <u>Pickles Fork of Salt Lick Creek</u>	20-16			
Well No. <u>1</u> Elev. <u>1163.31'</u>	Cond.			
District <u>Salt Lick</u> County <u>Braxton</u>	<u>13-10 11-3/4"</u>	<u>59'</u>	<u>59'</u>	to surface.
The surface of tract is owned in fee by <u>Van F. Hall</u>	<u>9 5/8</u>			
Address <u>Heaters, West Virginia</u>	<u>8 5/8</u>	<u>881'</u>	<u>881'</u>	100 sx 50/50 Poz 75 sx Reg. Neet
Mineral rights are owned by <u>Van F. Hall</u>	<u>7</u>			
Address <u>Heaters, West Virginia</u>	<u>5 1/2</u>			
Drilling Commenced <u>October 1, 1980</u>	<u>4 1/2</u>	<u>4262'</u>	<u>4262'</u>	2-stage cement job
Drilling Completed <u>October 10, 1980</u>	<u>3</u>			97 sx Reg. Neet
Initial open flow <u>N/M</u> cu. ft. --- bbls.	<u>2</u>			173 sx Reg. Neet
Final production <u>94 M cu. ft. per day</u> <u>N/A</u> bbls.	Liners Used			
Well open <u>6</u> hrs. before test <u>560</u> RP.				

Well treatment details:

Attach copy of cementing record.

Perforated @ 2707'-2709' w/5 shots per foot & 2450'-2462' w/9 shots per foot, total 14 shots.
Fraced Balltown & Speechley. Spotted 500 gal. 28% HCl. Loaded hole. Broke formation
w/2300 PSI. Fraced w/20,000# 80/100 sand & 60,000# 20/40 sand (total 357 bbls.).
AIR-13.7 BPM. AIP-2354 PSI. ISIP-1200 PSI. 5 minutes-1025 PSI. 15 minutes-980 PSI.
(Other additives: 80 gal. Penn 5, 12 gal. clasta, 2800# Potassium Chloride, 200# citric
acid & 632,000 cu. ft. N₂.)

Coal was encountered at 248-253' Feet _____ Inches _____
Fresh water None reported Feet _____ Salt Water _____ Feet _____
Producing Sand Balltown, Speechley Depth 2707'-2709' & 2450'-2462'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Soil		Soft	0	15		
Sand & Soil		Soft	15	30		
Sand		Hard	30	80		
Shale			80	90		Hole wet @ 85'.
Sand			90	248		
Coal			248	253		Coal @ 248'-253'.
Sandy Shale			253	340		
Shale			340	380		
Sand & Shale	Gray	Soft	380	826		
Sandy Shale	Gray	Hard	826	832		
Sandy Shale	Gray	Soft	832	943		
Shale			943	950		
Sand			950	1048		Wet @ 950'.
Shale			1048	1130		
Sand			1130	1280		
Shale			1280	1319		
Sand			1319	1380		
Shale			1380	1424		
Red Rock			1424	1447		
Sand & Shale			1447	1486		

(Continued)

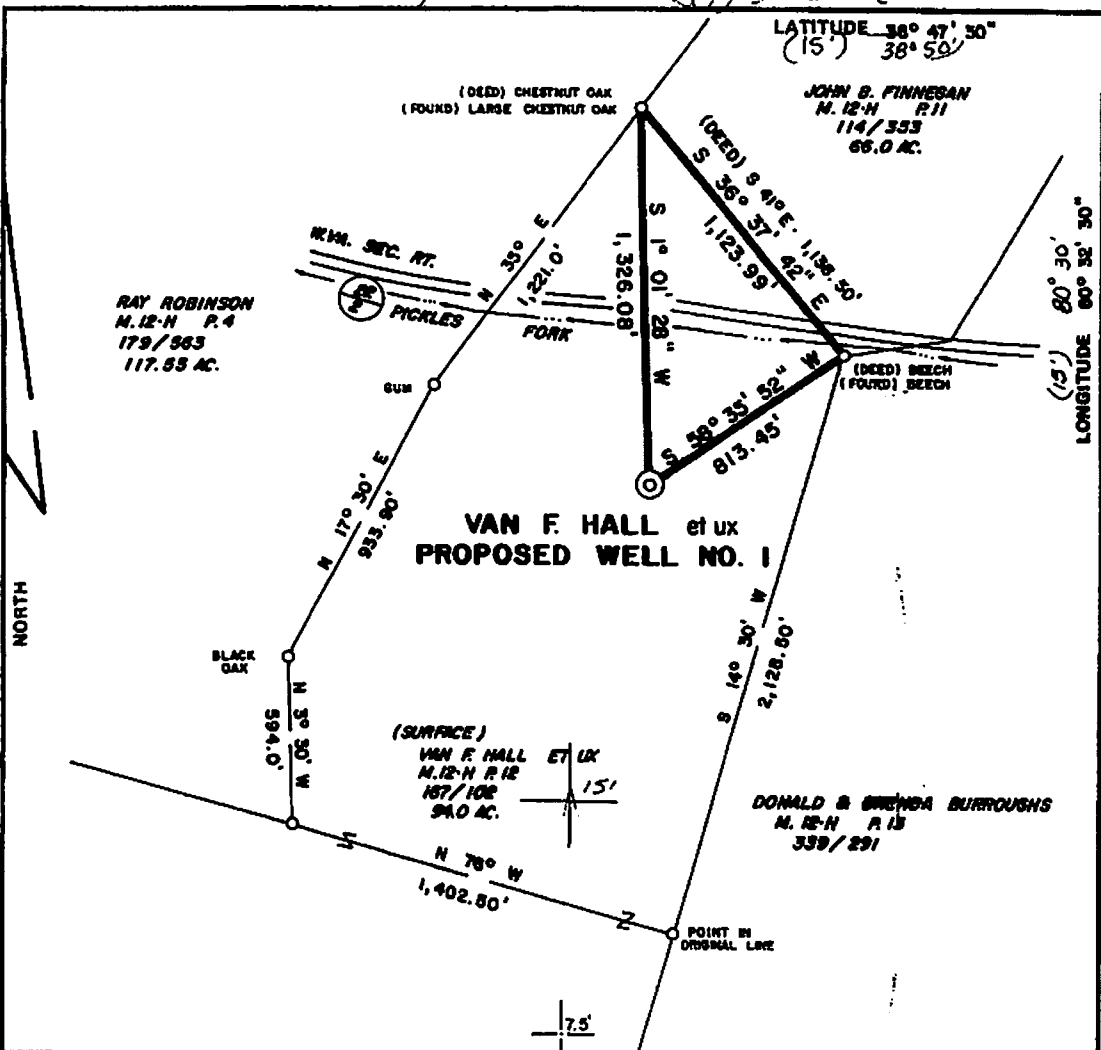
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WV Department of
Environmental Protection

05/08/2014

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Little Lime			1486	1506		
Sand			1506	1542		
Shale			1542	1560		
Sand			1560	1644	Gas	
Black Shale			1644	1911		
Shale & Sand			1911	2055		
Gordon	White	Hard	2055	2115		
Sandy Shale	Gray	Soft	2115	2130		
Sandy Shale		Med-Hard	2130	2293		
Shale	Gray	Soft	2293	2625		
Sandy Shale	Gray	Medium	2625	3285		
Shale	Gray	Soft	3285	4150		
Sand		Hard	4150	4176		
Sandy Shale		Medium	4176	4300		T.D. - Gas check - odor.

RECEIVED
Office of Oil and Gas
MAY 12 2014

APPROVED: Robert L. Dodd
Robert L. Dodd, Managing Engineer
Date: October 30
TEXAS INTERNATIONAL PETROLEUM CORPORATION
MAY 12 2014
Department of Environmental Protection
Owner
08/08/2014



FILE NO. 649
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION U.S.C. & G.S. B.M. C 267 1962

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) [Signature]
 R.P.E. 5894 L.L.S.

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE SEPTEMBER, 19 80
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-007-1569
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,163.31' WATER SHED PICKLES FORK OF SALT LICK CREEK
 DISTRICT SALT LICK COUNTY BRAXTON
 QUADRANGLE ORLANDO 7 1/2 BURNSVILLE 15'
 SURFACE OWNER VAN F. HALL ACREAGE 94.0 AC.
 OIL & GAS ROYALTY OWNER VAN F. HALL LEASE ACREAGE 179.0 AC.

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION BRENSON ESTIMATED DEPTH 4310
 WELL OPERATOR TEXAS INTER-L PETR. CORP. DESIGNATED AGENT JAMES M. BLANTON
 ADDRESS SUITE 300 NATIONAL FOUNDATION CENTER 3930 N.W. 28 TH ST. OKLAHOMA CITY, OKLAHOMA 73112 ADDRESS SUITE 750 ONE VALLEY ENVIRONMENTAL PROTECTION CENTER CHARLESTON, WEST VIRGINIA 25304

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 Office of Oil and Gas
 MAY 2 2014
 WV Department of Environmental Protection

1) Date: April 1, 2014
2) Operator's Well Number
Hall, Van F. #1
3) API Well No.: 47 - 007 - 01569

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served: (a) Name Cecil E. &/or Anna L. Squires, Address 911 Chesney Lane, Bel Air, MD 21014. (b) Name Melvin Hugh Squires, Address 6518 S 12th Street, Huntley, MT 59037. (c) Name, Address. 6) Inspector Bryan Harris, Address PO Box 157, Volga, WV 26238, Telephone 304-553-6087. 5) (a) Coal Operator Name N/A, Address. (b) Coal Owner(s) with Declaration Name N/A, Address. (c) Coal Lessee with Declaration Name N/A, Address.

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator By: Ross & Wharton (Mike Ross, Inc.) [Signature: Mike Ross] Its: President Address: PO Box 219, Coalton, WV 26257 Telephone: 304-472-4289



Subscribed and sworn before me this 22nd day of April, 2014

[Signature: Brenda K. Bush]

My Commission Expires September 27, 2020

Notary Public RECEIVED Office of Oil and Gas

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

MAY 12 2014

08/08/2014

701569P

Mike Ross Inc.

(304) 472-4289 (Office) Box 219 Coalton, WV 26257 (304) 472-7405 (Fax)

May 7, 2014

Cecil &/or Anna Squires
911 Chesney Lane
Bel Air, MD 21014

Re: Hall, Van #1 Plugging Permit

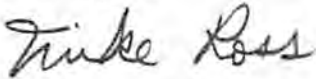
Dear Cecil &/or Anna:

Mike Ross Inc. is in the process of applying for a permit to plug the above referenced well. Enclosed are copies of the Notice and Application for well plugging permits and the location plats.

Please note the instructions on the surface owner waiver. If you have no objection to the plugging being done, please sign the waiver and return it to our office.

If you have any questions, please do not hesitate to contact this office.

Thank you,



Mike Ross Inc.

7013 1090 0001 9845 0475

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Certified Fee	3.30	
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Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 6.90	

Sent To
Street, Apt. No.,
or PO Box No. Cecil & Anna Squires
City, State, ZIP+4 911 Chesney Lane
Bel Air, MD 21014

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PS Form 3800, August 2006 See Reverse for Instructions
MAY 14 2014

08/08/2014
WV Department of
Environmental Protection

701569P

Mike Ross Inc.

(304) 472-4289 (Office) Box 219 Coalton, WV 26257 (304) 472-7405 (Fax)

May 7, 2014

Melvin Hugh Squires
6518 S 12th Street
Huntley, MT 59037

Re: Hall, Van #1 Plugging Permit

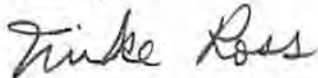
Dear Melvin:

Mike Ross Inc. is in the process of applying for a permit to plug the above referenced well. Enclosed are copies of the Notice and Application for well plugging permits and the location plats.

Please note the instructions on the surface owner waiver. If you have no objection to the plugging being done, please sign the waiver and return it to our office.

If you have any questions, please do not hesitate to contact this office.

Thank you,



Mike Ross Inc.

7013 1090 0001 9845 0482

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For delivery information visit our website at www.usps.com			
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Certified Fee	3.30	Postmark Here	
Return Receipt Fee (Endorsement Required)	2.70	RECEIVED Office of Oil and Gas	
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$ 6.90	MAY 12 2014	
Sent To		Melvin Hugh Squires	
Street, Apt. No., or PO Box No.		6518 S 12 th Street	
City, State, ZIP+4		Huntley, MT 59037	
PS Form 3800, August 2006		See Reverse for Instructions	

08/08/2014

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Ross & Wharton (Mike Ross Inc.) OP Code 305680

Watershed Pickles Fork of Salt Lick Creek Quadrangle Orlando 7.5'

Elevation 1163.31 County Braxton District Salt Lick

Description of anticipated Pit Waste: Plugging Fluid

Will a synthetic liner be used in the pit? NO YES 20 MIL.

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Mike Ross*

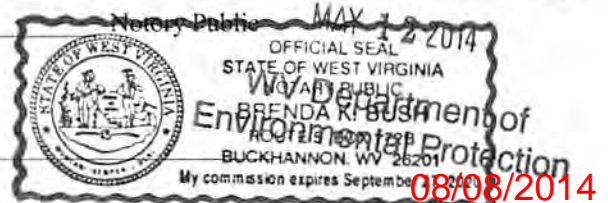
Company Official (Typed Name) Mike Ross

Company Official Title President

Subscribed and sworn before me this 22nd day of April, 2014

Brenda K Bush

My commission expires September 27, 2020



LEGEND

- Property Boundary
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch
- Rock
- North
- Buildings
- Water wells
- Drill site

- Diversion
- Spring
- Wet Spot
- Drain Pipe with size in inches
- Waterway
- Cross Drain
- Artificial Filter Strip
- Pit: cut walls
- Pit: compacted fill walls
- Area for Land Application of Pit Waste

Proposed Revegetation Treatment: Acres Disturbed 1 Acre Prevegetation pH 6.5
 Lime 2 Tons/acre or to correct to pH 6.5
 Fertilizer (10-20-20 or equivalent) 50% lbs/acre (500 lbs minimum)
 Mulch _____ Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
Fescue			
Contractors Mix			

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.
 Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Diana O'Han*

Comments: _____

Title: President

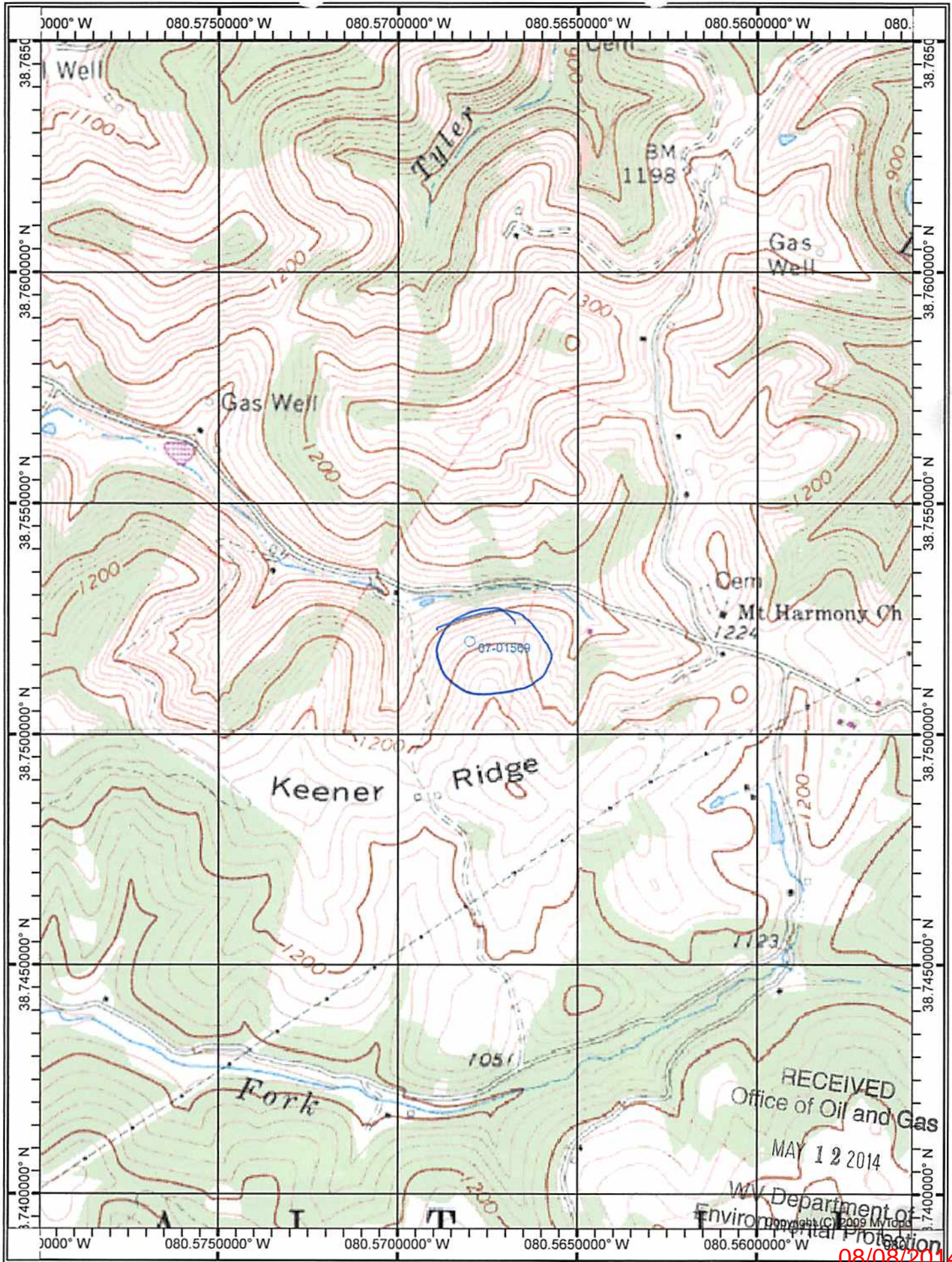
Date: April 1, 2014

Field Reviewed? Yes No

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 Office of Oil and Gas

MAY 12 2014

WV Department of
 Environmental Protection
 08/08/2014



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-007-01569 WELL NO.: 1

FARM NAME: Hall, Van F.

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Braxton DISTRICT: Otter 3

QUADRANGLE: Sutton 628

SURFACE OWNER: Cecil E Squires &/or Anna L; Melvin Hugh Squires

ROYALTY OWNER: Van F. Hall

UTM GPS NORTHING: 4289349.3

UTM GPS EASTING: 537535.6 GPS ELEVATION: 1163.31

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____ : Post Processed Differential ____
Real-Time Differential ____

Mapping Grade GPS ____ : Post Processed Differential ____
Real-Time Differential ____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Mike Ross
Signature

President
Title

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Office of Oil and Gas
MAY 12 2014
WV Department of Environmental Protection
Date

08/08/2014